



Powerwall — LiFePo4 Battery

- ✓ **14.34KWH**
- ✓ **51.2V 280Ah**
- ✓ **IP65**
- ✓ **WiFi**



As the leading vertically integrated manufacturer of lithium iron phosphate battery systems, GSL ENERGY has provided various battery solutions for nearly all kinds of ESS applications. Thanks to our self-developed core technology in cells/BMS/system design, GSL ENERGY has delivered more than 138+ countries serving 100,000+ users.

www.gsl-energy.com

✓ Long life and safety

Vertical industry integration ensures more than 8500 cycles with 80% DoD.
Safe Lithium iron phosphate battery cell.

✓ Smart APP Monitoring

Real-time monitoring & Remote upgrade.

✓ Modularization

Modular design gives the end customers the power of choice of capacity. Deliver up to 229KW with single max module (14.34kWh) at 16pcs parallel connection.

✓ Easy to install and use

Just plug and play to minimize the installation time and cost. Compact and fashionable design fits in your sweet home environment.

✓ Compatibility

Compatible with most of the available Hybrid inverters.

✓ Safety Cert

UL9540A, UL9540, UL1973, CB-IEC62619, CE-EMC, UN38.3, MSDS

Battery Specifications

Model No.

GSL-051280A-B-GBP2

Nominal Parameters

Cell Type

LiFePo4

Rated Voltage

51.2V

Operating Voltage

46-56V

Capacity

280Ah

Energy

14.34kWh

Usable Energy

12.91kWh

Scalability

Max.16pcs in parallel (229kWh)

Charge/Discharge
Current

Recommend

100A

Max. duration

150A

Peak(2min, 25°C)

200A

Basic Parameters

Recommend Depth of Discharge

80% DOD

Dimension (W/H/D)

970*640*230mm / 38.2*25.2*9.06 in

Weight Approximate

128.5kgs / 283 lbs

Master LED Indicator

4 LED (SOC:25%~100%)

2 LED (Run, Alarming / protecting)

IP Rating of Enclosur

IP65

Working Temperature

Charge: 0 ~ 55°C; Discharge:-20 ~ 55°C

Storage Temperature

0°C ~ 35°C

Humidity

5%~95%

Altitude

≤2000m

Cycle Life

≥8500
(25±2°C,0.5C/0.5C,80%EOL)

Installation

Wallmounted

Communication Port

CAN2.0, RS485, WIFI

Warranty Period

10 years

Certification

UL9540A, UL9540, UL1973, CB-IEC62619,
CE-EMC, UN38.3, MSDS